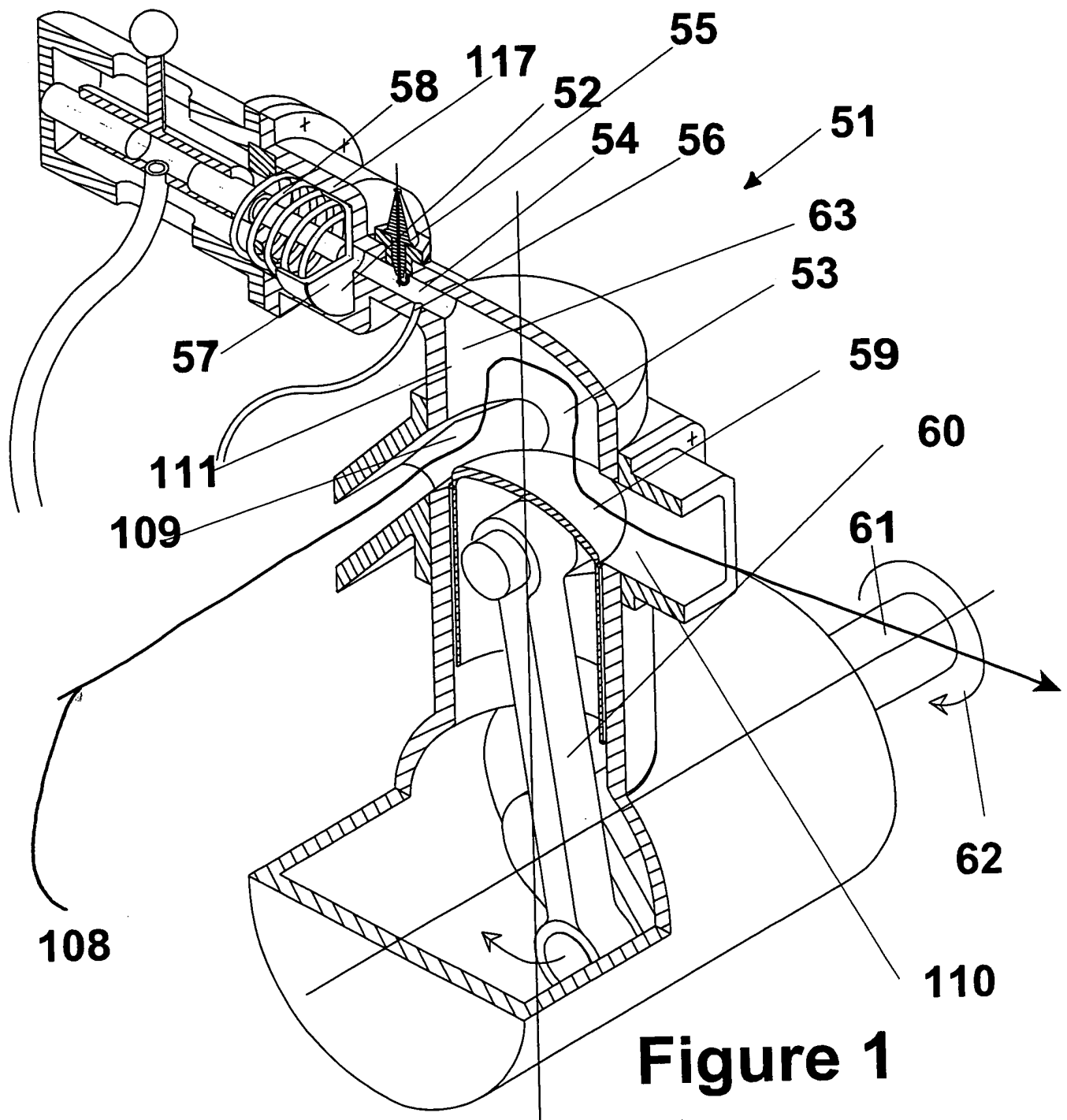


IN THE DRAWINGS

Please cancel the ten (10) sheets of drawings, consisting of Figs. 1-16, as filed.
Please substitute the accompanying sixteen (16) sheets of drawings, consisting of the same Figs. 1-16.



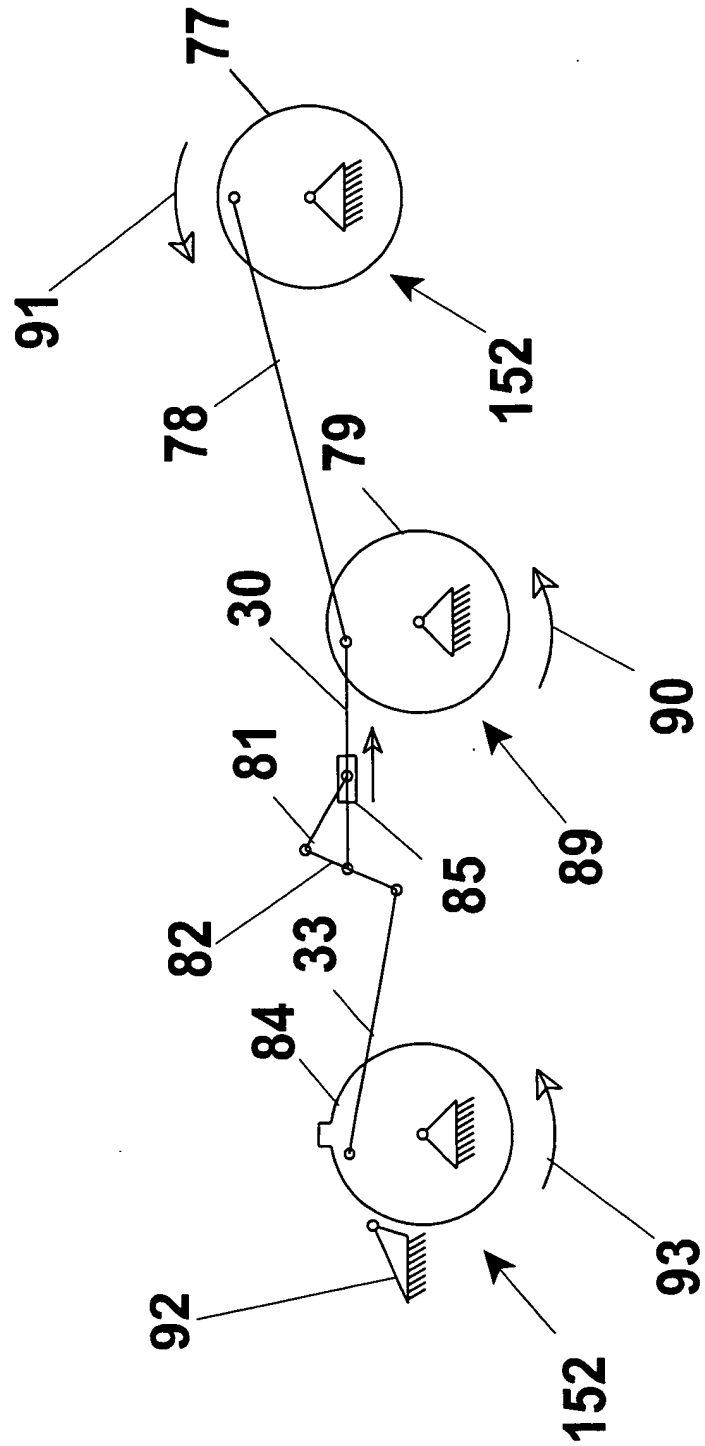


Figure 2

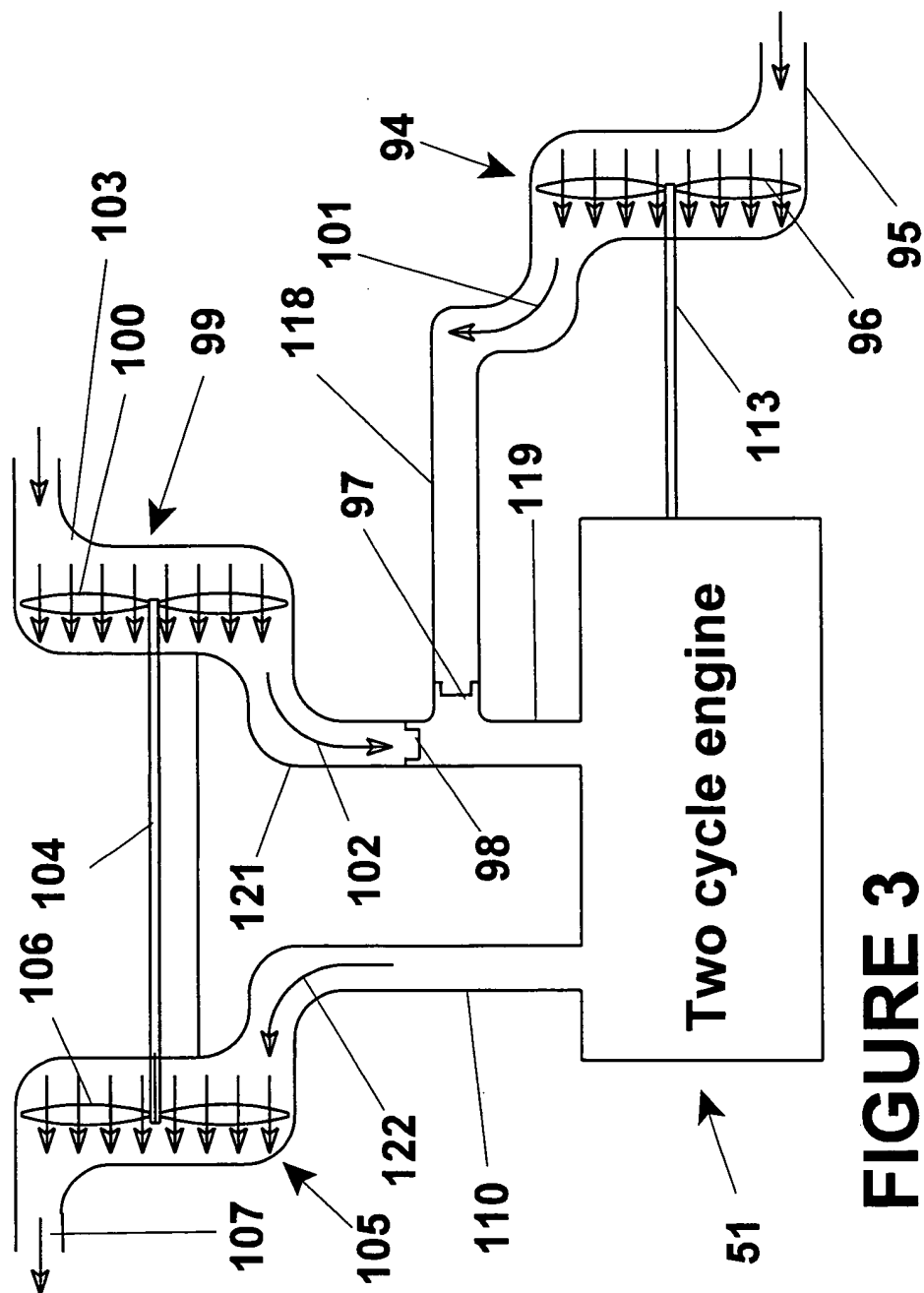


FIGURE 3

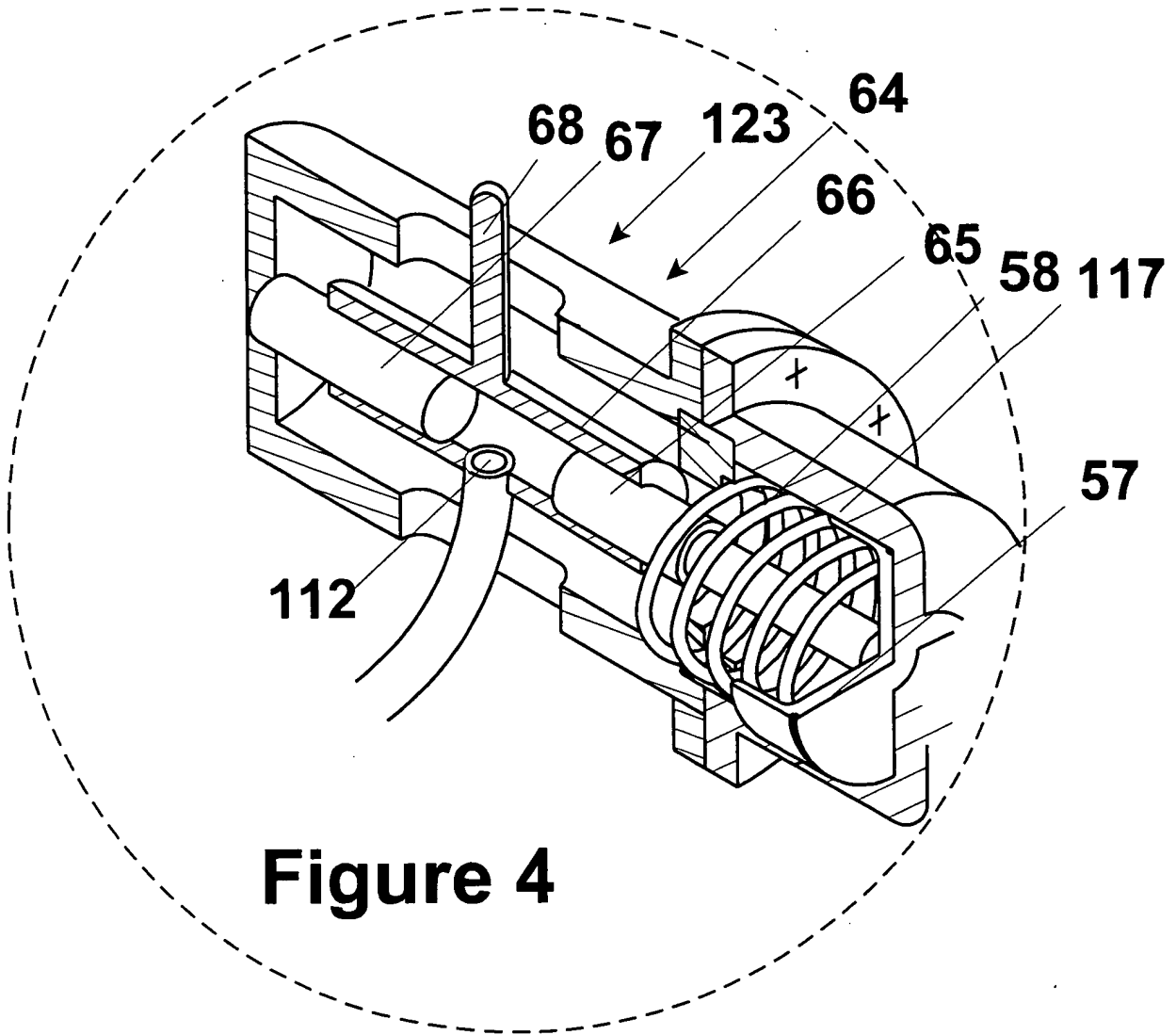
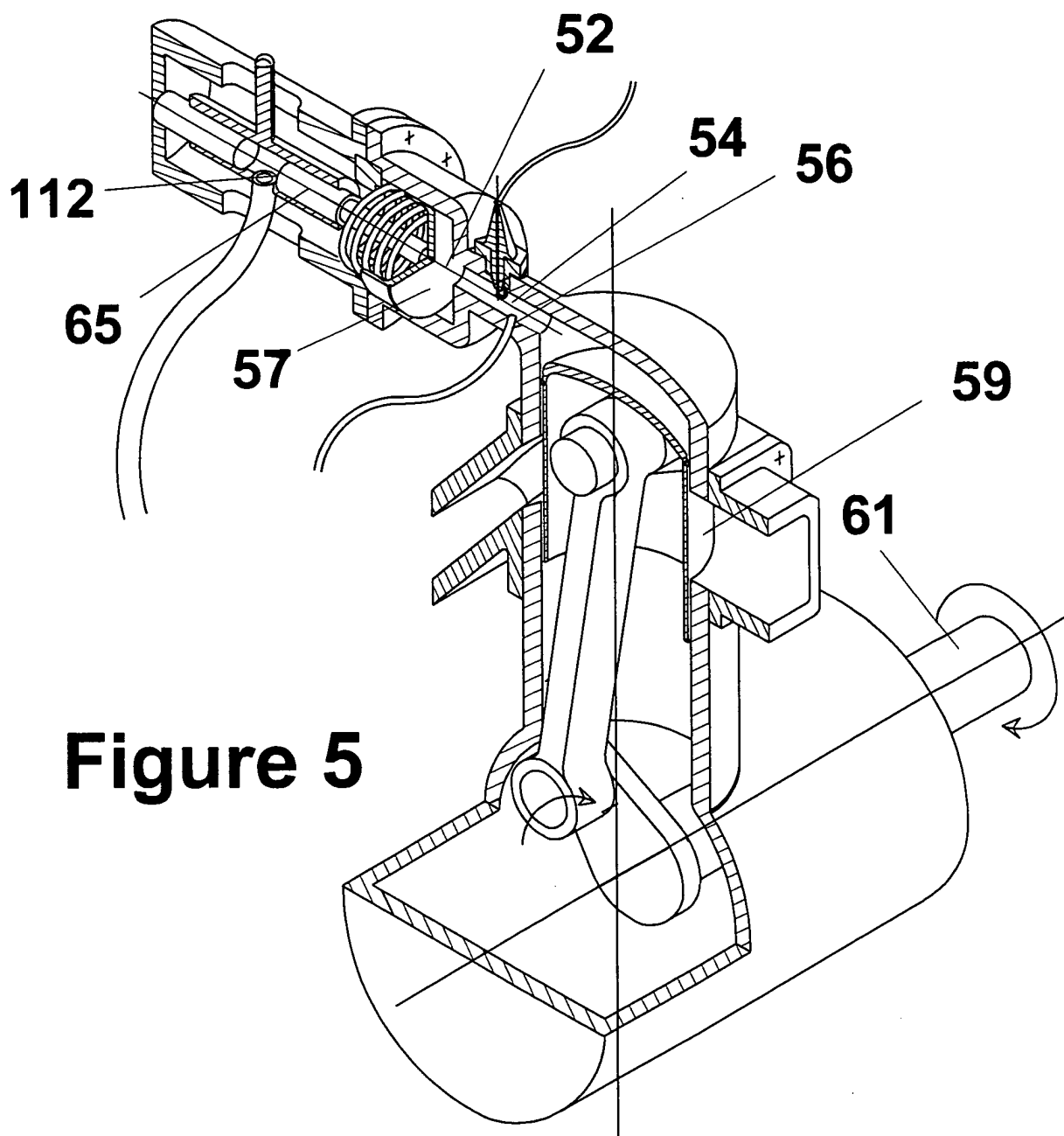
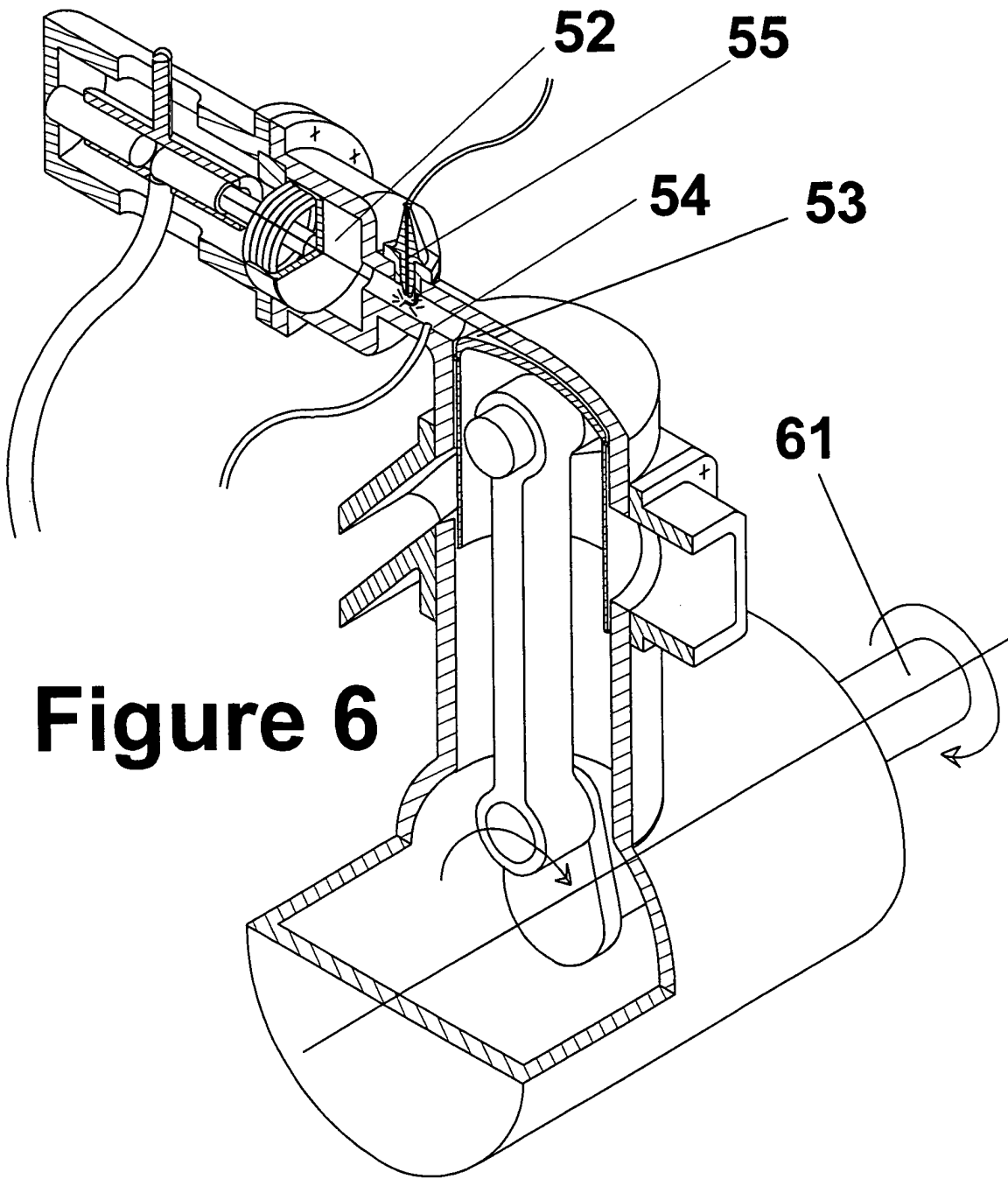


Figure 4





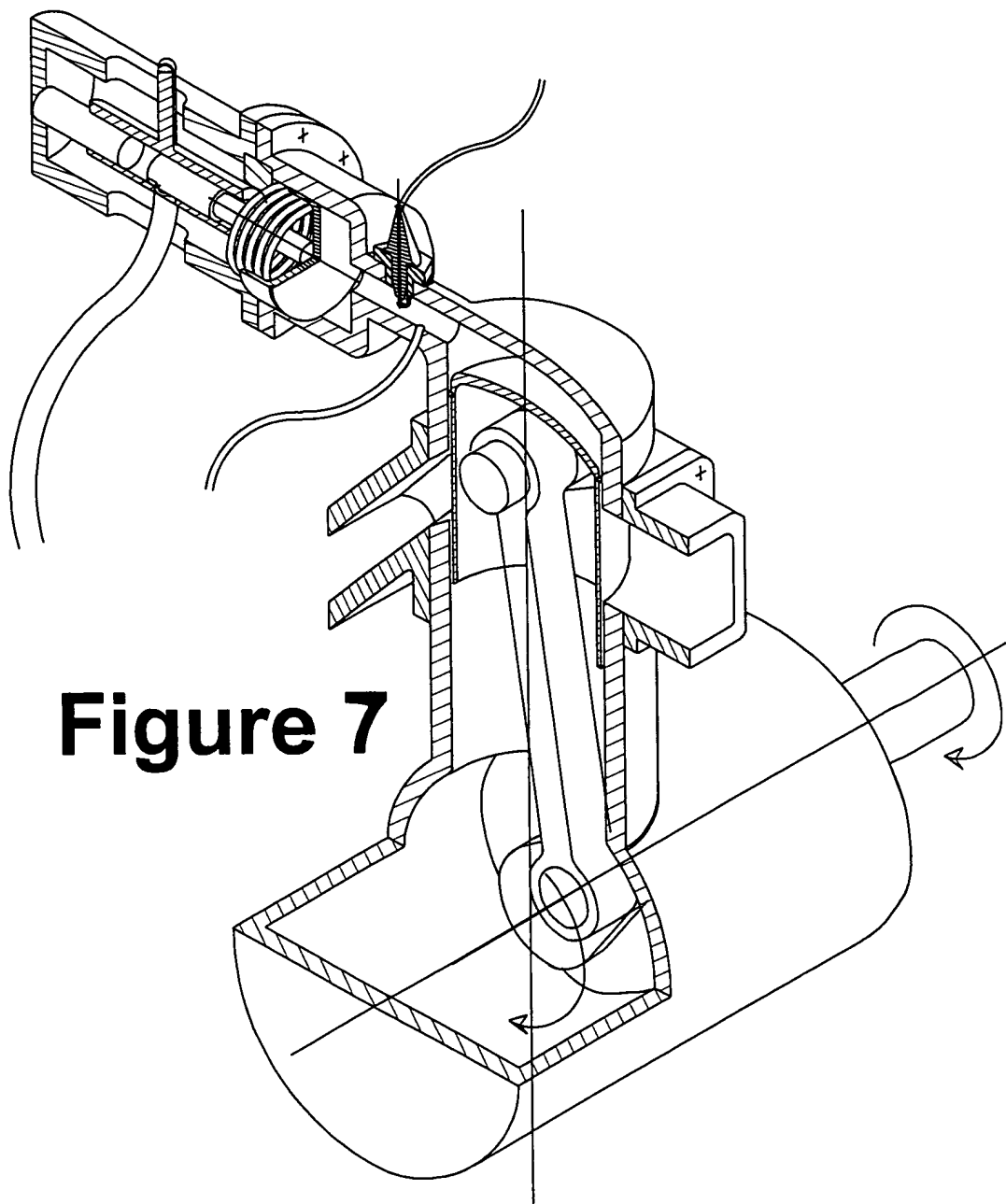
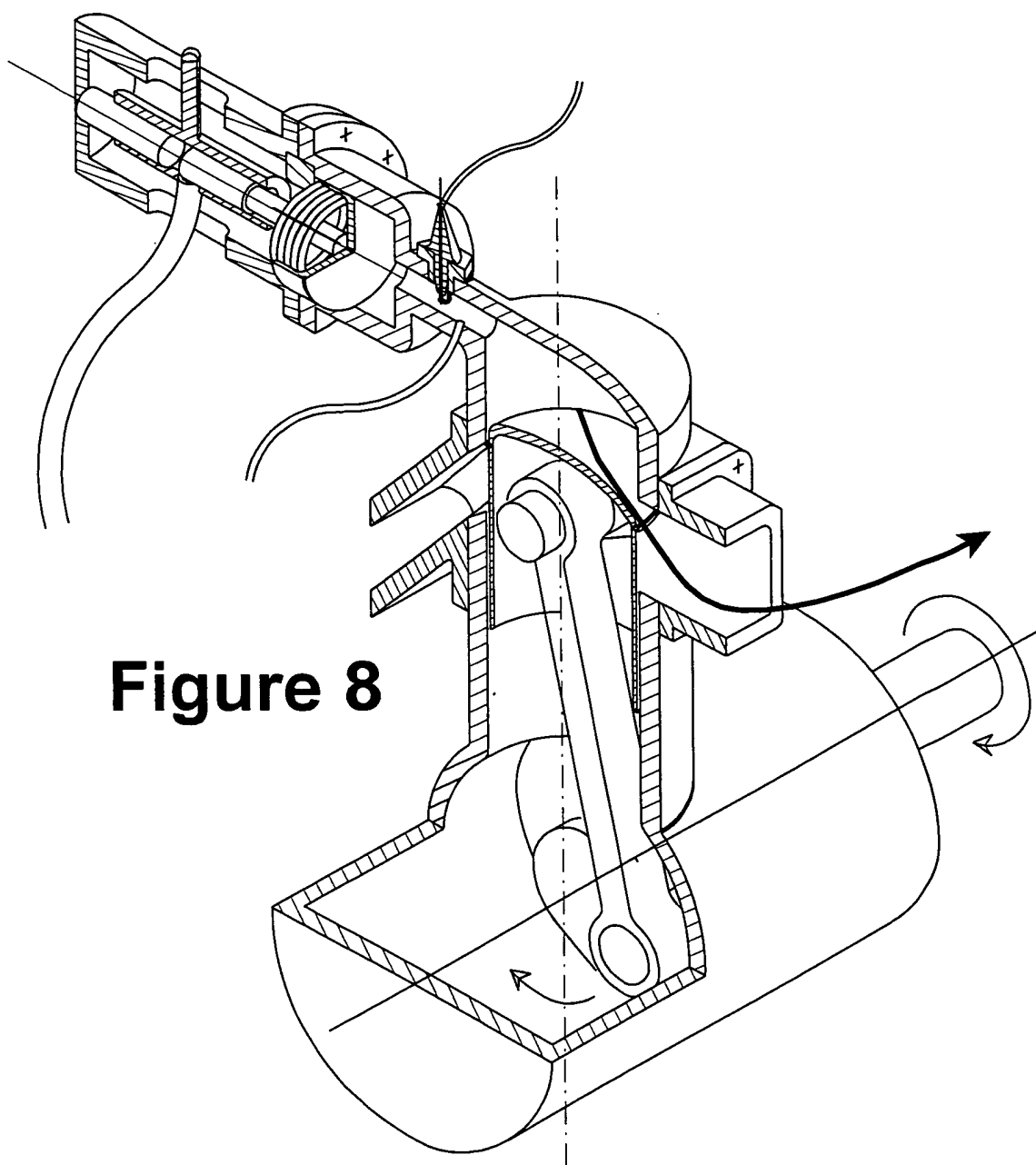


Figure 7



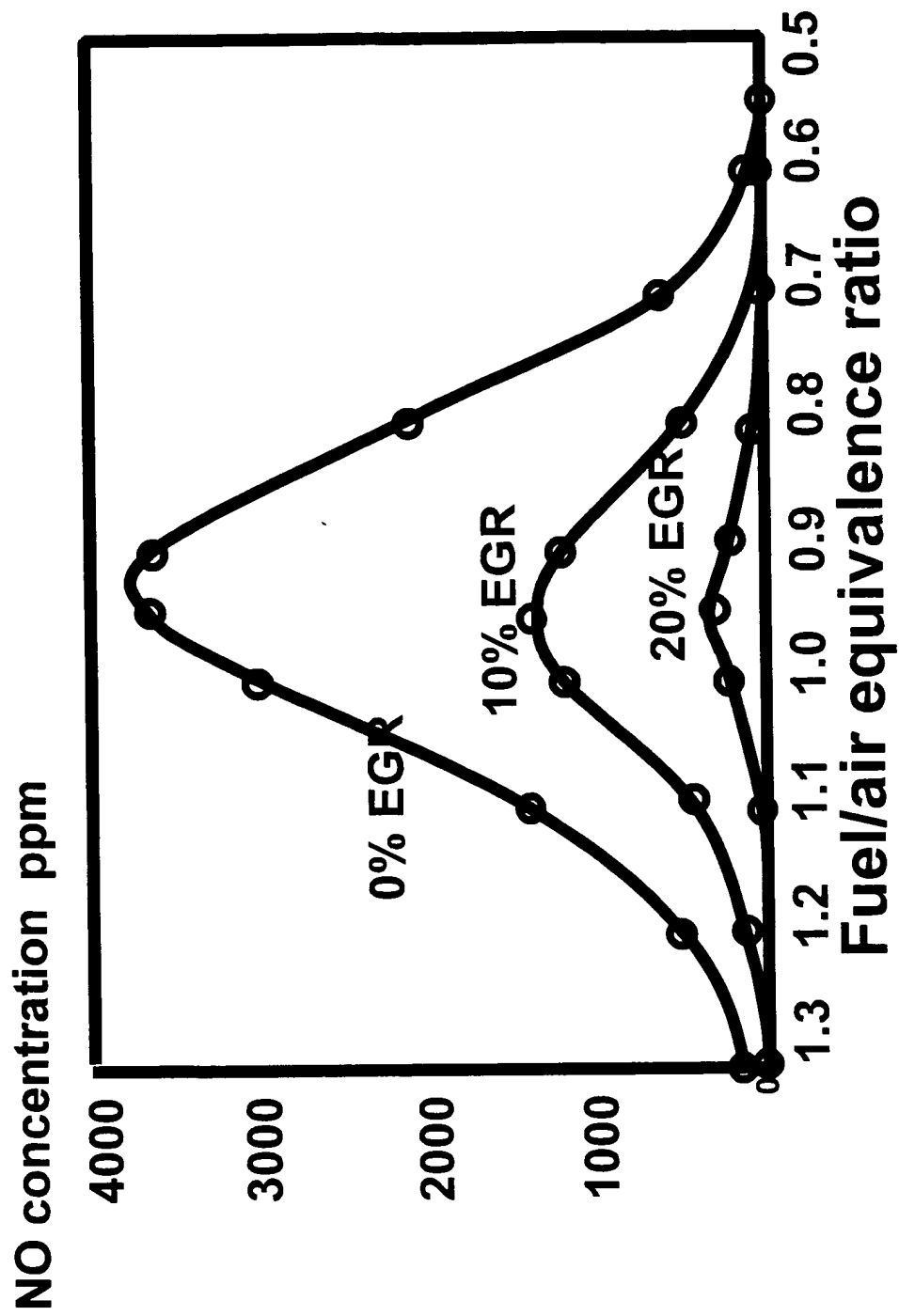
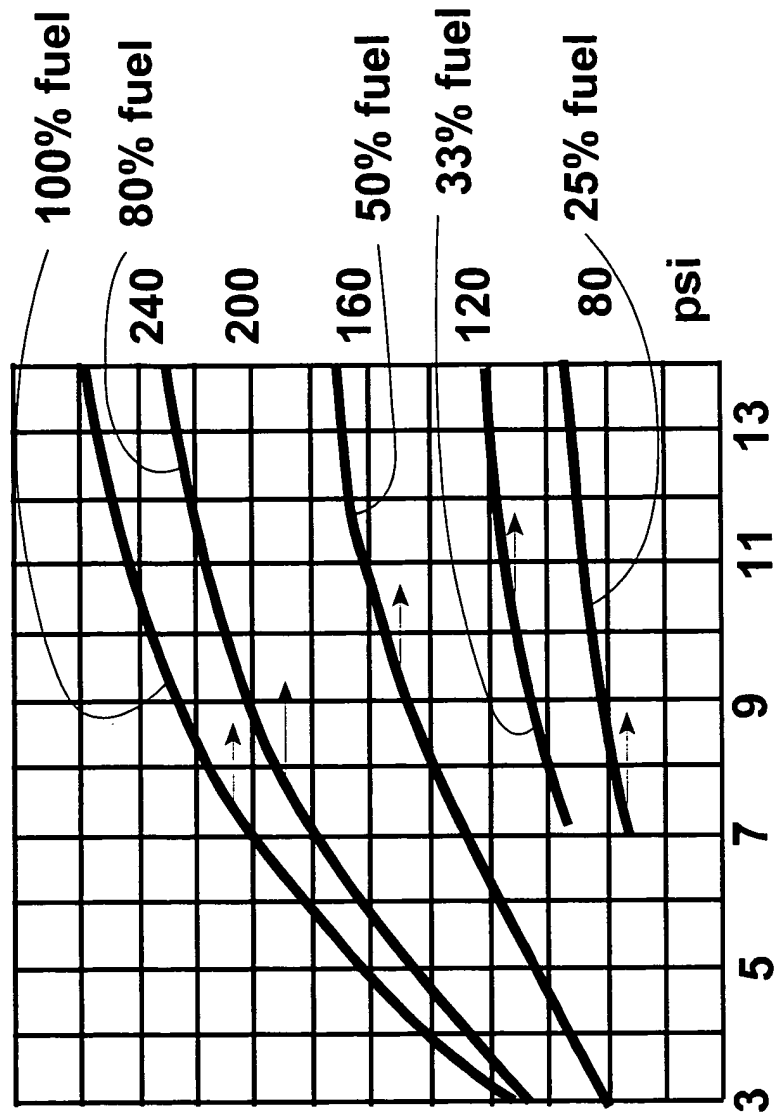


Figure 9



Compression ratio

Figure 10 IMEP psi with engine data

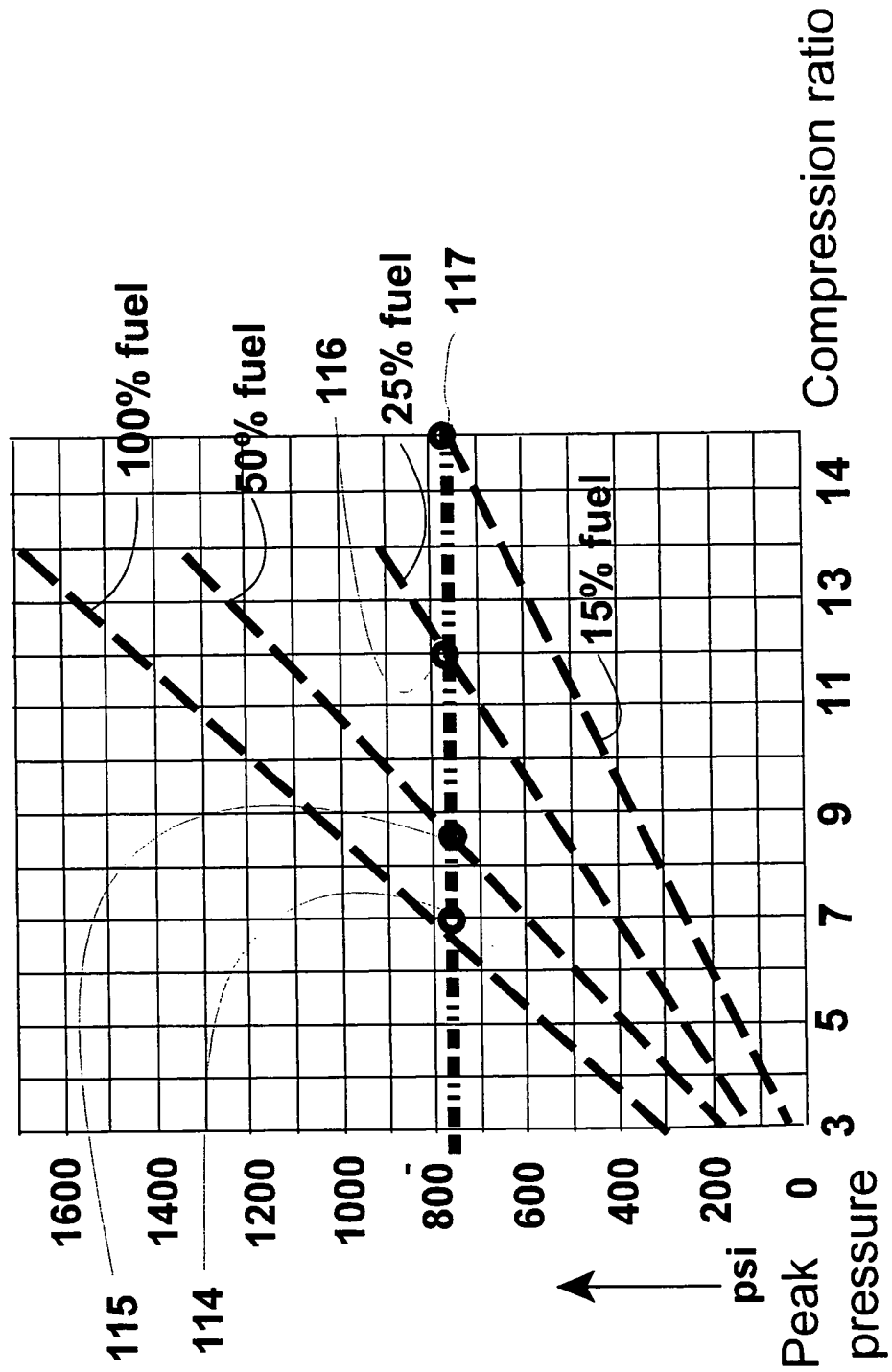


Figure 11

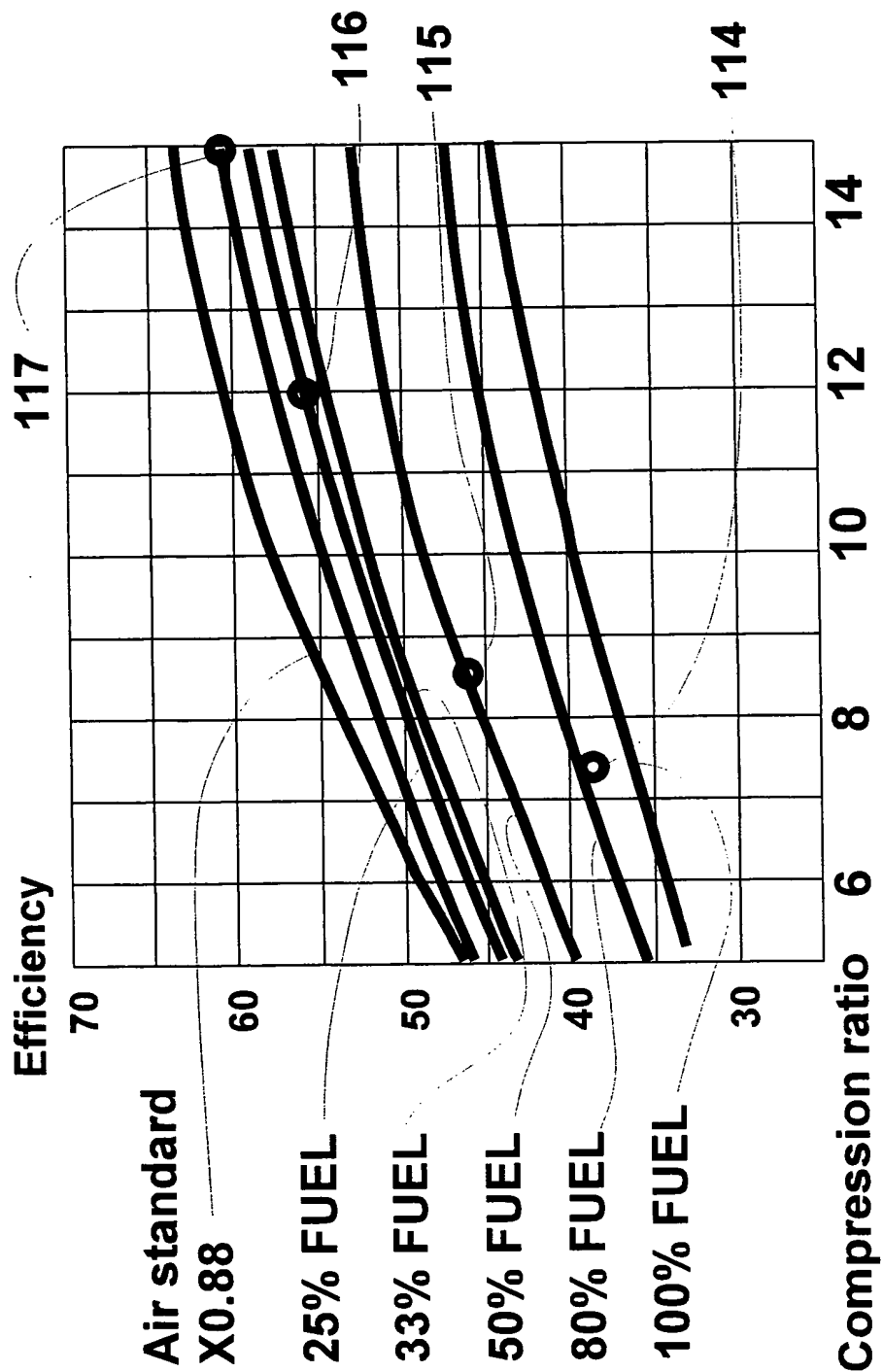
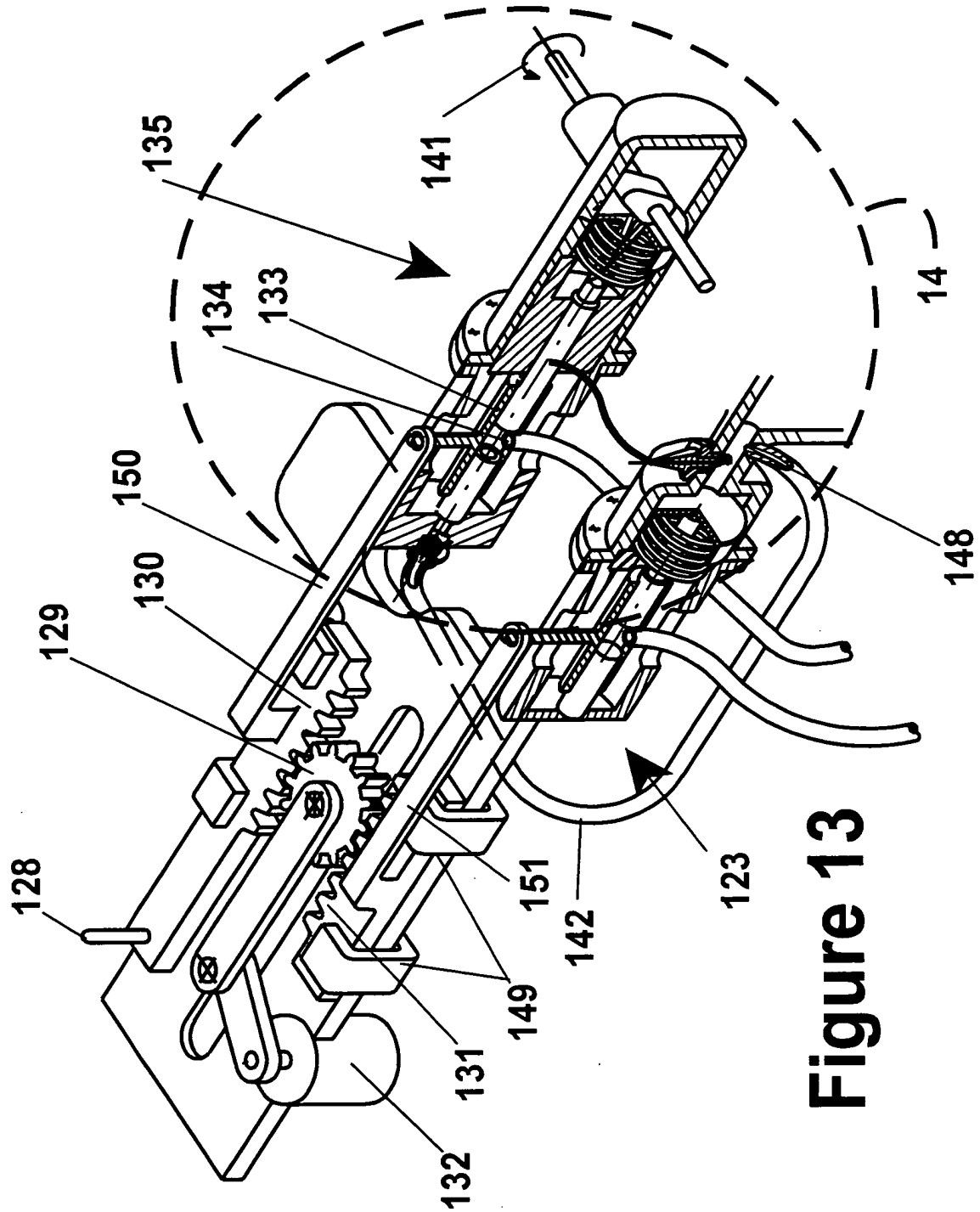


Figure 12 Efficiency with engine data



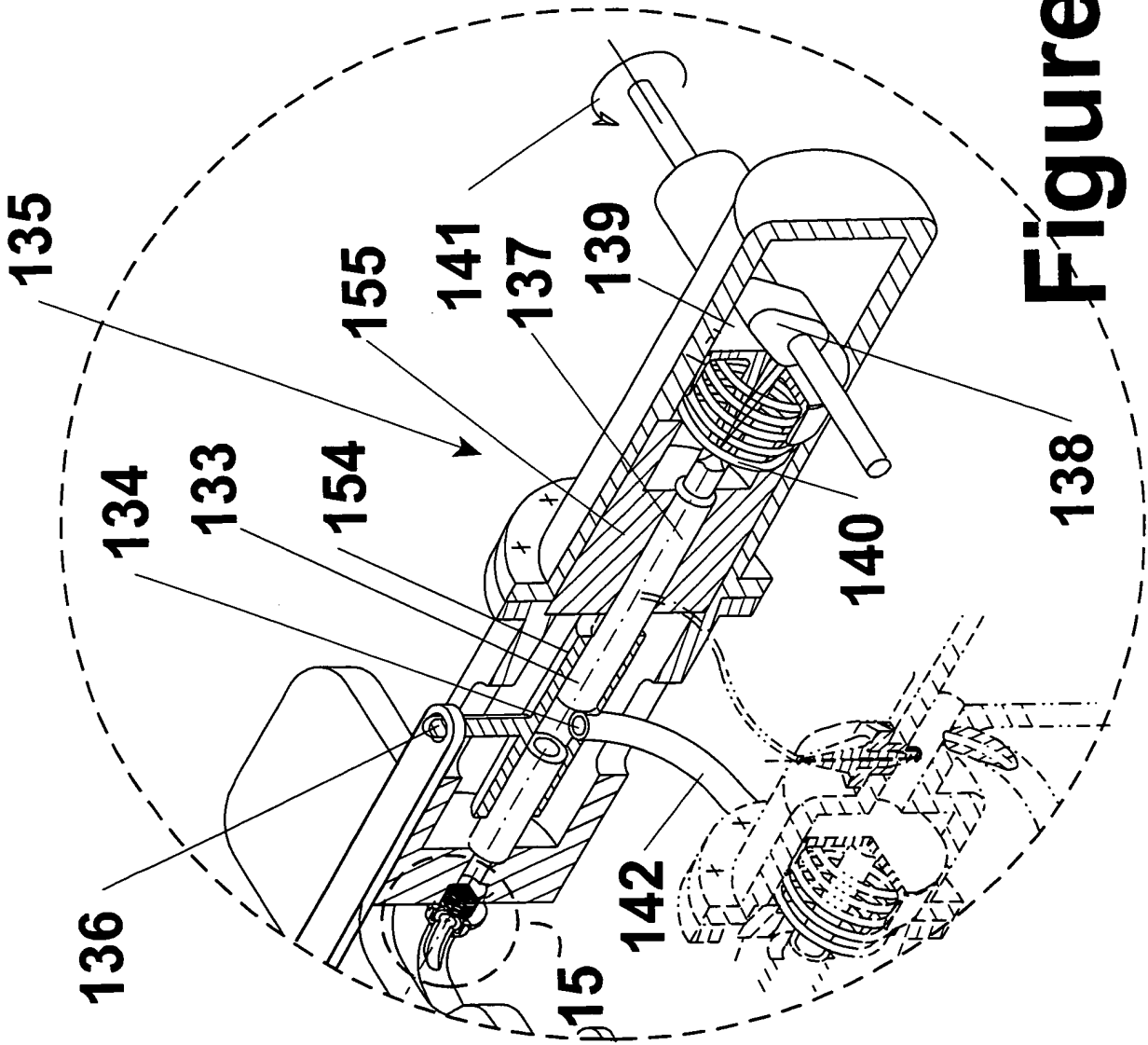


Figure 14

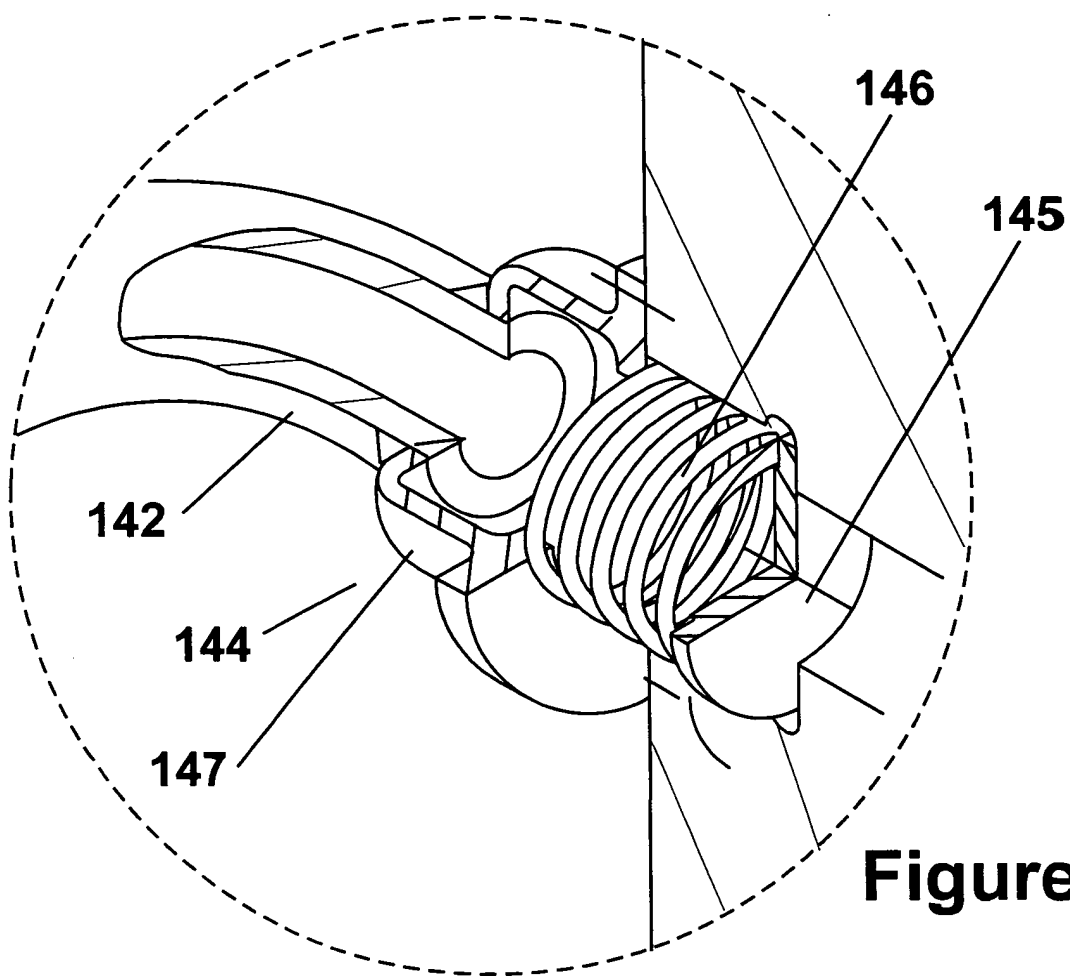


Figure 15

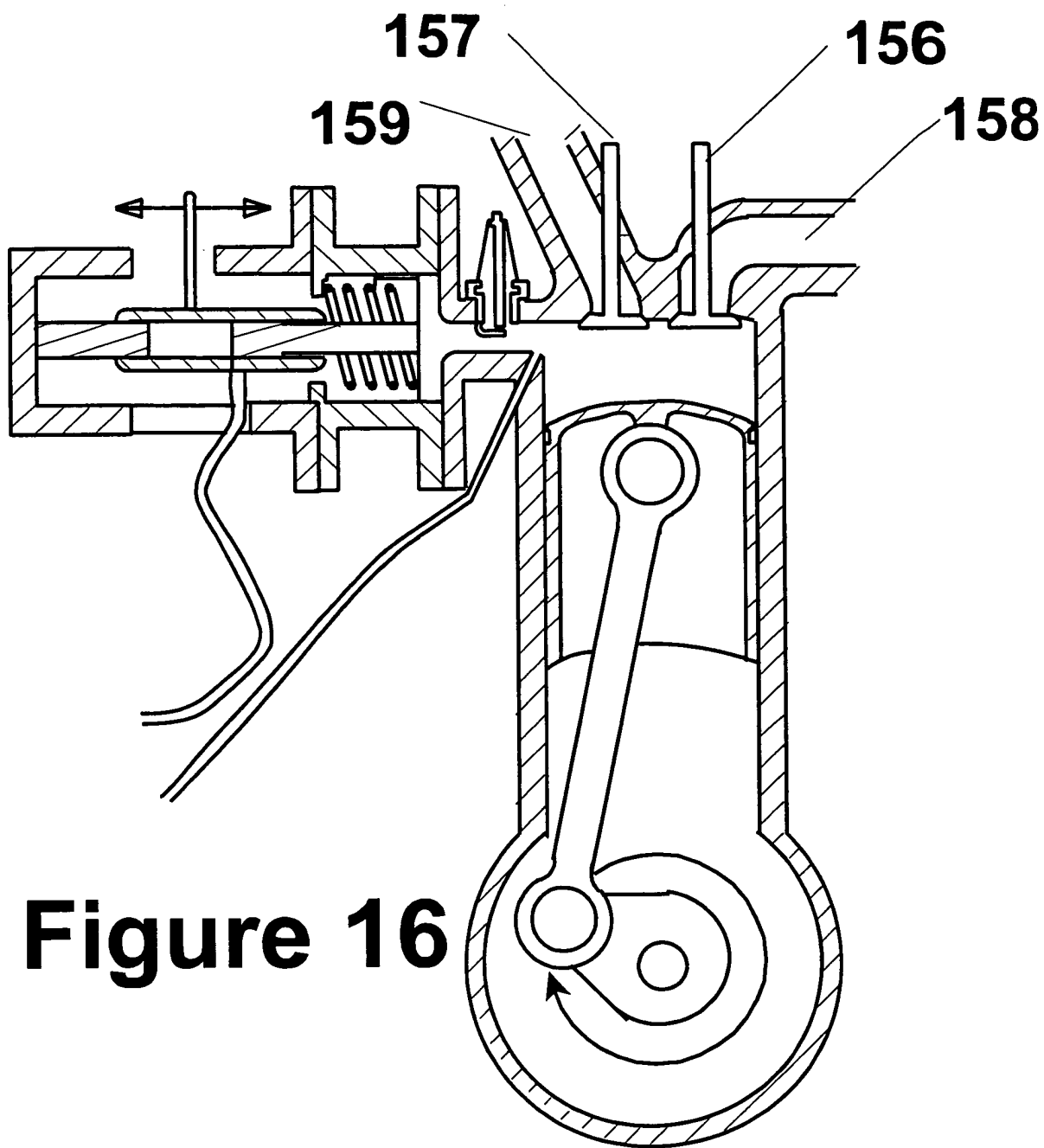


Figure 16